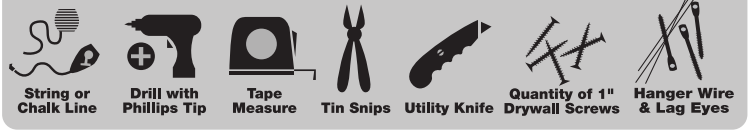
For the amount of HG-Grid needed, measure the perimeter and calculate square footage.		# of Pieces
Wall Bracket	Divide the perimeter of the room by 8 and round up to the nearest whole number	
8' Main	Divide the square footage of the room by 16 and round up to the nearest whole number	
Cross Tee & Ceiling Tiles	For **2' x 4'** ceiling tiles, divide the square footage of the room by 8 and round up to the nearest whole number. For **2' x 2'** ceiling tiles, divide the square footage of the room by 4 and round up to the nearest whole number.	

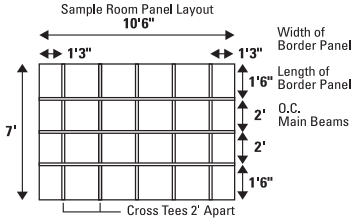
Easy-to-Follow Instructions

The tools you will need:



Room Planning DETERMINE THE **ROOM LAYOUT**

To ensure professional looking results, the room layout should be balanced – equal size border panels used on opposite sides of the room, as shown below. The 8' Mains can be installed in either direction, but if 2' x 4' trouffer lights are being used the Mains should be installed parallel to the 4' side of the lights.



Example:

Measure room in one direction	*10' 6"*
Round down to the next even foot	*10'*
Subtract the first two numbers	*6"*
Add 24"	*30"*
Divide by 2 to get border tile size	*1' 3"*

At the finished ceiling height establish your Main dryline or chalk line at this measurement. Fasten the dryline at the desired ceiling height drop. Repeat these same steps for Cross Tee dryline in the opposite direction. (**See Tips #1** & **#2**)

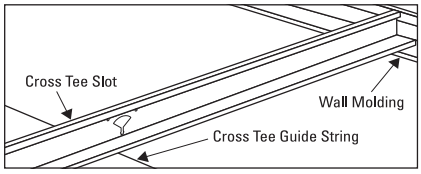
Step 1 INSTALL THE **WALL BRACKET**

Snap a chalk line on the wall 15/16" above the desired finished ceiling height. Align the wall angle so the top of the angle meets the chalk line. Using a drill with a Phillips tip, fasten the wall angle using 1" drywall screws every 16" on-center (at the stud location). Where two angles meet at the corner they can be mitered or overlapped.

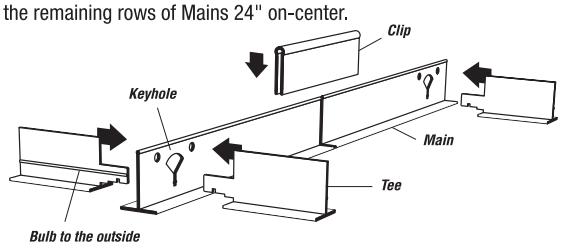
Step 2 INSTALL THE **HANGING WIRES** AND INSTALLING THE FIRST **ROW** OF **MAINS**

Starting at the intersection of the drylines, using a lag-eye, install the first hanger wire to the existing ceiling above. Working down the Main dryline install subsequent hanger wires 24" on-center. Hanger wires should be installed across the room in subsequent rows 24" on-center. (**See Tips #3** & **#4**)

Measure and cut your first Main so the keyhole is aligned under the Cross Tee dryline. Holding so the bottom face of the Main is level with the dryline, bend and insert the hanger wire through the wire holes above the keyhole. To complete, bend and wrap the wires around themselves three times. Install subsequent Mains by sliding the Connector Clip halfway across the next Main to secure. (Mains are sold with Connector Clips already attached.)

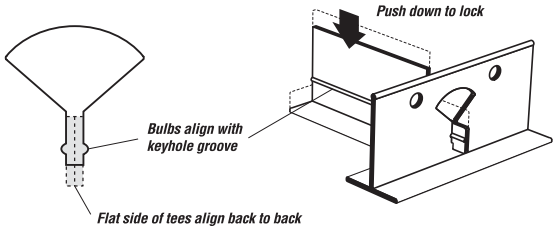


Cut the last Main in the row so that the Main fits tightly into the wall angle. In a similar manner, install the remaining rows of Mains 24" on-center.



Step 3 INSTALLING THE **CROSS TEES**

Install the border panel Cross Tees by measuring the distance from the wall to the Main. At this dimension cut so the Cross Tee fits tightly into the wall angle. Install additional Cross Tees by snapping the tee hook into the keyhole. The bulbs on the Cross Tee should always face outward and snap into the keyhole indentation. Working across the room alternate the Cross Tees so the bulbs face opposite directions. (**See Tips #5**)



Step 4 CUTTING AND PLACING THE **CEILING PANELS**

Beginning at the edge of the room, cut the border panels to fit accordingly. After completing the border panels insert the full panels to complete.

INSTALLATION TIPS

TIP 1: To ensure a perfectly level ceiling, drylines should be installed at the finished ceiling height perpendicular to the Mains every 4' across the room.

TIP 2: A minimum drop of 4" is required. If smaller ceiling height drop is desired reference **CeilingMAX** by ACP, a surface mounted ceiling grid system.

TIP 3: When installing under joists and there is not a joist directly above the intersection, fasten to the closest joist. When installing under a drywall ceiling locate the hidden joist for fastener attachment.

TIP 4: For best results the hanger wires should be installed using lag-eyes and the wires should be wrapped around themselves three times.

TIP 5: When using a 2' x 4' tile system, install the Tees 4' on-center by skipping every other keyhole.

For Additional Tips and Information Visit: acpideas.com